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Ohio Agricultural Experiment Station
DEPARTMENT OF FORESTRY
In Cooperation With
U. S. Department of Agriculture - Forest Service
CENTRAL STATES FOREST EXPERIMENT STATION

Technical Note 29

1/

April 1, 1941

LOCAL VOLUME TABLE

for

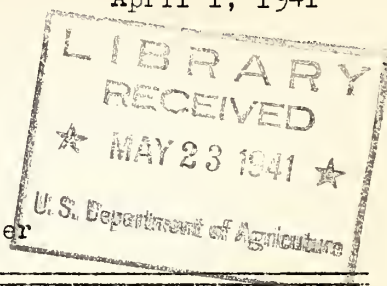
WHITE OAK

(*Quercus alba*)

in Holmes County, Ohio

INTERNATIONAL Rule ($\frac{1}{4}$ " kerf)

Merchantable Stem to a Variable Top Diameter



Diameter : breast high : outside bark : (Inches)	Volume : per : tree	Average : merchant- : able : length	Basis : in : trees	Diameter : breast high : outside bark : (Inches)	Volume : per : tree	Average : merchant- : able : length	Basis : in : trees
	Board feet	Feet	Number		Board feet	Feet	Number
7	1	16	2	30	1185	62.5	2
8	8	19.5	6	31	1280	63	3
9	20	23	1	32	1381	63.5	2
10	36	26	3	33	1490	64	3
11	56	29	5	34	1600	64	5
12	79	31.5	4	35	1715	64	4
13	107	34.5	7	36	1830	64	6
14	138	37	4	37	1957	64	6
15	174	39.5	3	38	2080	64	5
16	213	42	4	39	2214	64	3
17	257	44.5	1	40	2344	64	1
18	304	46.5	3	41	2486	64	-
19	355	48	3	42	2630	64	3
20	412	50	1	43	2775	64	1
21	470	52	6	44	2930	64	-
22	537	53.5	1	45	3080	64	-
23	600	55	3	46	3240	64	-
24	678	56.5	7	47	3400	64	-
25	747	58	1	48	3570	64	1
26	825	59	5				
27	909	60	4				
28	995	61	1				
29	1087	62	4				

(1) Trees climbed and measured by personnel of Work Projects Administration Official Project 65-1-42-166--"the Ohio Woodland Survey." Measurements taken at 12-foot log lengths above a 1.0-foot stump. Scaled as 12-foot logs, and additional shorter top logs; top sections less than 8 feet in length scaled as fractions of an 8-foot log. Basis, 124 trees.

Table prepared, in 1941, by curving volume of merchantable length over d.b.h.

Aggregate difference: Table is 0.34 percent low. Average percentage deviation of basic data from table, 16.5 percent.

J. Richard Crammer
L. F. Kellogg

